Quality is in our nature

Gearbox oils - Fully Synthetic

Eurol Synmax PAO ISO-VG 320

Synthetisches Getriebeschmiermittel auf Basis von Polyalphaolefin

Beschreibung:

Eurol Synmax PAO ISO-VG 320 is especially developed for the lubrication of all kinds of heavy loaded toothed gearings and worm wheel gears, especially in applications with high temperatures.

Eurol Synmax PAO ISO-VG 320 is a so-called Mild EP oil with excellent anti-oxidation, anti-wear and anti-corrosion properties, as well as EP (Extreme Pressure) characteristics.

Eurol Synmax PAO ISO-VG 320 has a low friction coefficient, because of the synthetic base oils, which allows less energy consumption and lower operating temperatures.

Eurol Synmax PAO ISO-VG 320 has an excellent oxidation and thermal stability so that allows prolonged drain intervals and therefore reduces maintenance costs.

The evaporation loss is minimized because of the synthetic base oil. In combination with the high viscosity index, a thicker lubrication film is formed at high operating temperatures, compared to mineral products of the ISO-VG class.

Eurol Synmax PAO ISO-VG 320 protects metal parts (including copper from oxidation and corrosion, even if water has contaminated the system. The oil rapidly separates the water from the oil. Because of the excellent compatibility with common rubber materials, loss of quality and swelling of seal materials is prevented.

Specifications

Performance level
DIN 51517/3 (CLP)
AISE (US Steel) 224
AGMA 9005/E02
AGMA 9005/F16 Antiscuff
David Brown S1.53.106
Cincinnati Machine P-74
ISO 12925-1 CKD

Physikalische Eigenschaften

Farbe	Gelb	
Dichte bei 20°C	0.852 kg/L	ASTM D 1298
Viskosität, kinematisch bei 40°C	313.3 cSt	ASTM D 445
Viskosität, kinematisch bei 100°C	39.5 cSt	ASTM D 445
Viskositätsindex	180	ASTM D 2270
Flammpunkt	229 °C	ASTM D 93
Stockpunt	-51 °C	ASTM D 97

E115506
Version 1.3, 09-12-2020

Eurol B.V. Energiestraat 12, 7442 DA Nijverdal, Niederlande, tel. +31 88 250 22 00, fax +31 548 61 01 95, info@eurol.com, www.eurol.com